

INFORMATION DISCLOSURE STATEMENT BY APPLICANT PTO - 1449		ATTORNEY DOCKET NO. 960253CIP/HG		SERIAL NO. 09/490,982			
		APPLICANT: Mitsuru ADACHI et al.					
		FILED: Concomitantly Herewith		ART UNIT: 1725			
U. S. PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB		
q. H. Kim	5,701,942 5,758,707 5,575,325 5,571,346	12-1997 6-1998 11-1996 11-1996	ADACHI et al. JUNG SUGIURA et al. BERGSMA	164 164 164 148	71.1 4.1 120 550		
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB	TRANSLATION	
						YES	NO
OTHER DOCUMENTS (AUTHOR, TITLE, DATE, PAGES, PUBLICATION, ETC.)							
EXAMINER: q. H. Kim	DATE CONSIDERED: 5/19/03						
January 24, 2000							

INFORMATION DISCLOSURE STATEMENT BY APPLICANT PTO - 1449		ATTORNEY DOCKET NO. 960253CIP/HG		SERIAL NO. 09/490,983			
		APPLICANT: Mitsuru ADACHI et al.					
		FILED: Concomitantly Herewith		ART UNIT: 175			
U.S. PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB	
✓		5,501,266 5,533,562 5,697,425 5,730,198	3-1996 7-1996 12-1997 3-1998	WANG et al. MOSCHINI et al. NANBA et al. SIRCAR	164 164 164 164	113 76.1 468 41	
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB	TRANSLATION
		EP 719 606 0 392 998 EP 701 002 WO 92/13662	7-1996 10-1990 3-1996 8-1992	Europe Europe Europe PCT	— — —	— — —	YES NO
OTHER DOCUMENTS (AUTHOR, TITLE, DATE, PAGES, PUBLICATION, ETC.)							
✓	Patent Abstracts of Japan, Vol. 011, No. 078 (M-570), March 10, 1987 of JP 61-235047						
✓	Patent Abstracts of Japan, Vol. 017, No. 574 (M-1498), October 19, 1993 of JP 5-169227						
EXAMINER: <i>F. R. Ari</i>		DATE CONSIDERED: <i>5/19/03</i>					
January 24, 2000							

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		APPLICANT: Mitsuru ADACHI et al.				
		FILED: Concomitantly Herewith		ART UNIT: 1705		
U.S. PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB	
980K ↓	4,415,374 3,902,544 4,457,354	11-1983 9-1975 7-1984	YOUNG et al. FLEMINGS et al. DANTZIG et al.	148 164 164	550 485 468	
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB	TRANSLATION
						YES NO
980K ↓	63-7867 51-9004 63-40852 6-73485 7-164108 61-235047 8-187547	2-1983 1-1976 12-1983 3-1994 6-1995 10-1986 7-1996	Japan Japan Japan Japan Japan Japan Japan			X* X** X*** X**** X*****
			*related family member of USP 4,457,354			
			**related family member of USP 3,902,544			
			***related family member of USP 4,415,374			
			****partial English language translation (Abstract and claims)			
			*****English language Abstract			
OTHER DOCUMENTS (AUTHOR, TITLE, DATE, PAGES, PUBLICATION, ETC.)						
EXAMINER: <i>T. f. Dan</i>	DATE CONSIDERED: <i>5/19/03</i>					
January 24, 2000						

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U.S. PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB		
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB	TRANSLATION	
						YES	NO
OTHER DOCUMENTS (AUTHOR, TITLE, DATE, PAGES, PUBLICATION, ETC.)							
<i>✓</i> <i>✓</i>	G. Wan et al., Thixoforming of Aluminium Alloys Using Modified Chemical Grain Refinement for Billet Production, International Conference, "Aluminium Alloys: New Process Technologies", Marina de Ravenna, Italy, 3-4, June 1993, 115.						
	Haavard Gjestland, Thixotropic Casting of Magnesium Using a Conventional Casting Machine, (Norsk hydro a.s.): D0244B SAE Tech Pap Ser (Soc Automot Eng) (USA) [SAE-930753] 7P (1993), 101-106.						
	K. Young, et al., "Semi-Solid Metal Cast Aluminium Automotive Components", The 3rd Int'l Conf. on Semi-Solid Processing of Alloys and Composites, 1994.6, 155-177.						
EXAMINER:	<i>J. R. Kn'</i>		DATE CONSIDERED:	<i>5/19/03</i>			
January 24, 2000							